

Substitute for form 1449/PTO (Revised 04/2003)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	Not Yet Assigned		
		Filing Date	Concurrently Herewith		
		First Named Inventor	Bing		
		Group Art Unit	Unknown		
		Examiner Name	Unknown		
Sheet	2	of	2	Attorney Docket Number	038190/269367
<b>OTHER DOCUMENTS</b>					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			English Language Translation Attached
RF	19	Chris Waldhart, "Analysis of Tow-Placed, Variable-Stiffness Laminates," Mater's Thesis, Virginia Polytechnic Institute, June 5, 1996, pgs. 1-35.			
RF	20	Brian Tatting and Zafer Gurdal, "Design and Manufacture of Tow-placed Variable Stiffness Composite Laminates with Manufacturing Considerations," 13 <sup>th</sup> US National Congress of Applied Mechanics, June 25, 1998.			
RF	21	Patrick Morelle and R. Radovicic, "CAD Based Optimization of Composite Structures," Proceedings of Sixth Int. Conference on OPT, March 16-18, 1999, pgs. 311-320.			
RF	22	Jani J. Shah, Mary T. Rogers, Palat C. Sreevalsan, David W. Hsiao, Abraham Mathew, Anant Bhatnagar, Bongee B. Liou and David W. Miller, "The A.S.U. Features Testbed: An Overview," Arizona St. Univ. pgs. 233-241, 1990.			

Examiner Signature	/Russell Frejd/	Date Considered	09/16/2006
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(Revised 04/2003)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/766,177
Filing Date	01/28/04
First Named Inventor	Bing-Chung Chen, et al.
Group Art Unit	2128
Confirmation No.	3688
Examiner Name	Russell W. Warren Frejd
Attorney Docket Number	038190/269367

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
RF	23	JP 08-229183	09/10/1996	Mizuno Corp.	—	*Abstract Only

Examiner Signature	/Russell Frejd/	Date Considered	02/12/2007
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Substitute for form 1449/PTO (Revised 04/2003) <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				Complete if Known Application Number 10/766,177 Filing Date 01/28/04 First Named Inventor Bing-Chung Chen, et al. Group Art Unit 2128 Confirmation No. 3688 Examiner Name Russell W. Warren Frejd Attorney Docket Number 038190/269367	
Sheet	2	of	2		
<b>OTHER DOCUMENTS</b>					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			English Language Translation Attached
RF	24	A.L. Velocci, "R&D Unit Pressed to Save \$1 Billion," Aviation Week and Space Technology, May 11, 1998, pp. 75-76			
	25	E.H. Phillips, "Premier 1 Readied for First Flight," Aviation Week and Space Technology, August 31, 1998, p. 39			
	26	R. Flory and E. Bernardon, "Effect of Steering and Conformance Requirements on Automated Material Deposition Equipment," Charles Stark Draper Laboratory, Inc. technical capability document, pp. 1-11. <i>NO DATE AVAILABLE</i>			
	27	V.P. McConnell, "Fiber-placed C-17 Landing Gear Pod Fairings Reduce Price and Parts - Carbon Fiber/Epoxy Unidirectional Towpreg," High Performance Composites, July/August 1998, pp. 48-50			
	28	B. Davidson, et al., "An Expert System for the Design and Analysis of Composite Structures", Am. Helicopter Society Conf. And Specialists Mtg. Sep. 21-23, 1993			
	29	C.M.L. Wu et al., "A knowledge based expert system for laminated composite strut design", Aeronautical Journal, Jan. 1991, pgs. 1-20			
	30	C.M.L. Wu, "Bolted joints in a laminated composite strut design expert system", Composite Structures 22, 1992, pgs. 63-85			
	31	D. Sriram et al., "Knowledge-Based Expert Systems in Structural Design", Computers & Structures, Vol. 20, No. 1-3, pgs. 1-9, 1985			
	32	J. J. Shah et al., "Analysis of design abstraction, representation and inferencing requirements for computer-aided design", 1989, pp. 1-10.			
	33	J.P.H. Webber et al., "An Expert System for Laminated Plate Design Using Composite Materials", Computers & Structures, Vol. 37, No. 6, p. 1051-1-67, 1990			
	34	D.P. Costin et al., "Optimum Design of a Composite Structure with Manufacturing Constraints", Thin-Walled Structures 17, pgs. 185-202, 1993			
	35	H. Yoshiura, et al., "Top-Down Construction of 3-D Mechanical Object Shapes from Engineering Drawings", IEEE, Dec. 1984, pgs. 32-40			
	36	T.C. Woo, "Interfacing Solid Modeling to CAD and CAM: Data Structures and Algorithms for Decomposing a Solid", IEEE, Dec. 1984, pgs. 44-49			
	37	A.A.G. Requicha et al., "Representation of Geometric Features, Tolerances, and Attributes in Solid Modelers Based on Constructive Geometry", IEEE Journal of Robotics and Automation, Vol. RA-2 No. 3, Sep. '86			
RF	38	Y.H. Pao et al., "Memory Driven Feature-Based Design", Interim Report Feb. 1988-Dec. 1992			
Examiner Signature	/Russell Frejd/			Date Considered	02/12/2007

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